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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/750,070 | 12/31/2003 | George C. Schedevy | 8002A-90 | 9089 |
| 22150 | 7590 | 09/22/2005 | EXAMINER | |
| F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NY 11797 | | | DESIR, PIERRE LOUIS | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2681 | |

DATE MAILED: 09/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/750,070 | SCHEDEVY, GEORGE C. | |
| | Examiner | Art Unit | |
| | Pierre-Louis Desir | 2681 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>12/31/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-4, 6-12, 14-19, 21-27, 29-32 are rejected under 35 U.S.C. 102(e) as being anticipated by Everett et al. (Everett) Pub. No. US 20050123147.

Regarding claim 1, Everett discloses a connecting device (see fig. 1) comprising: a first power plug for connecting to a power output port of a vehicle (i.e., power block portion 1) (see fig. 1, and page 1, paragraph 11); a second power plug for connecting to a power input port on an electronic device (i.e., docking plug 6) (see fig. 1, and page 1, paragraph 6); at least one signal plug for connecting to at least one signal output port of the electronic device (i.e., docking plug 6 connects to an electronic device) (see fig. 1, and page 1, paragraph 11), wherein visual signals and audio signals are received by the connecting device through the at least one signal plug (i.e., docking plug 6 connects to an electronic device and allows unattenuated audio and video signals to pass) (see fig. 1, page 1, paragraph 11, and page 3, claim 11); and a wireless transmitter for wirelessly transmitting the visual signals and the audio signals to a receiver in the vehicle (i.e., transmitter) (see fig. 1, and page 1, paragraph 11, and page 3, claim 11).

Regarding claim 2, Everett discloses a connecting device (see claim 1 rejection) wherein power from the vehicle is supplied to the power input port of the electronic device via the first

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power plug and the second power plug (i.e., filtered DC current pass from the vehicle to any device connected to docking plug 6) (see fig. 1, page 1, and paragraph 11).

Regarding claims 3 and 18, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the electronic device is an MP3 Player (see page 1, paragraph 11).

Regarding claims 4 and 19, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the visual signals and the audio signals are stored on at least one of a digital video disc, a video compact disc, a compact disc, and a computer file (i.e., personal video/audio player) (see page 2, paragraph 16).

Regarding claims 6 and 21, Everett discloses a connecting device (see claims 1 and 17 rejections) further comprising a frequency selector (or a means) for selecting a frequency on which the visual signals and the audio signals are wirelessly transmitted (i.e., frequency selection block 16) (see page 2, paragraph 14).

Regarding claims 7 and 22, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the selected frequency ranges from about 88 MHz to about 108 MHz (see page 2, paragraph 14).

Regarding claims 8 and 23, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the selected frequency ranges from about 88MHz to about 225MHz (see page 2, paragraph 14).

Regarding claims 9 and 24, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the selected frequency ranges from about 88 MHz to about 225 MHz (i.e., the receive port transmits a signal to a FM Transmitter 3 which uses the audio signal to modulate

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the frequency of the transmitter to a frequency on the FM broadcast band) (see page 1, paragraph 12 and page 2, paragraph 14).

Regarding claims 10 and 25, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the receiver is an FM radio coupled to an antenna of the vehicle (i.e., vehicle equipped with FM radio which is inherently coupled to an antenna) (see abstract, and page 2, paragraph 15).

Regarding claims 11 and 26, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the receiver is a display unit coupled (or installed) to an antenna of the vehicle (i.e., Everett discloses a vehicle equipped with FM radio, which is inherently coupled to an antenna of the vehicle, and LED 51-58, which display the frequency channel chosen by the user) (see abstract, and page 2, paragraphs 14-15).

Regarding claims 12 and 27, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the receiver includes a display for displaying visual information (i.e., LED 51-58 indicate which frequency channel is chosen by a user) (see page 2, paragraph 14).

Regarding claims 14 and 29, Everett discloses a connecting device (see claims 1 and 17 rejections) further comprising a modulator for modulating the visual signals and the audio signals onto a predetermined frequency for wireless transmission at the predetermined frequency (i.e., the receive port transmits a signal to a FM Transmitter 3 which uses the audio signal to modulate the frequency of the transmitter to a frequency on the FM broadcast band) (see page 1, and paragraph 12; page 2, and paragraph 13, and page 3, claim 11).

Regarding claims 15 and 30, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the wireless transmitter includes at least one of an FM transmitter and a digital broadcast transmitter (i.e., FM transmitter) (see figs. 1-2, and page 1, paragraphs 11-12).

Regarding claims 16 and 31, Everett discloses a connecting device (see claims 1 and 17 rejections) wherein the visual signals include at least one of text, graphics and video (i.e., inherent video signals from personal video player) (see page 3, claim 11).

Regarding claim 17, Everett discloses a connecting device comprising: a means for connecting to a power supply of a vehicle (i.e., power block portion 1) (see fig. 1, and page 1, paragraph 11); a first means for connecting to an electronic device, whereby power is supplied from the power supply to the electronic device (i.e., docking plug 6) (see fig. 1, and page 1, paragraph 6); a second means for connecting to the electronic device (i.e., docking plug 6 connects to an electronic device) (see fig. 1, and page 1, paragraph 11), whereby visual signals and audio signals from the electronic device are received by the connecting device plug (i.e., docking plug 6 connects to an electronic device and allows unattenuated audio and video signals to pass) (see fig. 1, page 1, paragraph 11, and page 3, claim 11); and a transmission means for wirelessly transmitting the visual signals and the audio signals to a receiver in the vehicle (i.e., transmitter) (see fig. 1, and page 1, paragraph 11, and page 3, claim 11).

Regarding claim 32, Everett discloses a wireless transmitter for use in a vehicle (see fig. 1 and abstract), comprising: a connector for connecting to an output port of an electronic device (see fig. 1, and page 1, paragraph 11), wherein the wireless transmitter receives audio signals and visual signals through the connector vehicle (i.e., transmitter) (see fig. 1, and page 1, paragraph 11, and page 3, claim 11); and one of an FM transmitter and a digital broadcast transmitter for

wirelessly transmitting the audio signals and the visual signals to a receiver in the vehicle (i.e., FM transmitter) (see figs. 1-2, and page 1, paragraphs 11-12).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 5 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Everett in view of Ferguson, Pub. No. US 20030226148.

Regarding claims 5 and 20, Everett discloses a connecting device as described above (see claims 1 and 17 rejections).

Although Everett discloses a connecting device as described, Everett does not specifically disclose a connecting device wherein the visual signals are synchronized with at least one of the audio signals and video signals.

However, Ferguson discloses a connecting device wherein the visual signals are synchronized with at least one of the audio signals and video signals (i.e., video monitor displays the output of the DVD player while the FM transmitter wirelessly broadcasts audio signals output by the DVD player to a vehicle audio system) (see pages 1-2, paragraph 12).

Therefore, it would have been obvious to one of ordinary skill in the art to combine the teachings as described by Ferguson with the teachings of Everett to arrive at the claimed

invention. A motivation for doing so would have been to provide an added enhancement as related to maximizing the user experience in viewing and listening related media.

5. Claims 13 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Everett in view of Brice et al. (Brice) Pub. No. US 20040234081.

Regarding claim 13 and 28, Everett discloses a connecting device as described above (see claims 1 and 17 rejections).

Although Everett discloses a connecting device as described, Everett does not specifically disclose a connecting device further comprising a multiplexer for multiplexing the audio signals and the visual signals.

However, Brice discloses a multiplexer for multiplexing signals (see page 5, paragraph 41).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the teachings as described by Brice with the teachings of Everett to arrive at the claimed invention. A motivation for doing so would have been to ensure the proper transmission of the signals.

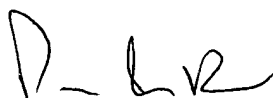
Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pierre-Louis Desir whose telephone number is 703-605-4312. The examiner can normally be reached on (571) 272-7799.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on (571) 272-4090. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Pierre-Louis Desir

AU 2681

09/16/2005

JEAN GELIN
PRIMARY EXAMINER

